

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a transformation systems and vectors for making transgenic organisms that includes a vector containing a modified *piggyBac* transposon into which is inserted at least one fluorescent protein gene linked to a polyubiquitin promoter sequence. A helper transposase vector that includes an *hsp70* promoter sequence upstream of the putative *piggyBac* promoter that increases the transformation frequency of this system can also be included.